

SOW FOR HONEYWELL AVIONICS PROTECTION PLAN (HAPP)

1.0 Introduction: The Stratospheric Observatory For Infrared Astronomy (SOFIA) Program consists of an airborne observatory platform (a Boeing 747-SP aircraft, N747NA-S/N 21441) equipped with a 2.5 meter infrared telescope, and multiple subsystems to support the telescope and other scientific instruments capable of infrared and sub millimeter observations. The SOFIA Observatory is being developed by NASA and its partner the DLR (German Aerospace Center). The SOFIA Observatory is the world's largest and most sensitive airborne observatory. The aircraft will operate on a worldwide basis at a ceiling of 45,000 feet. The telescope will look out of an open cavity in the side of the aircraft and allow astronomers to obtain sharper infrared images than ever before for a planned operational life of 20 years, including mission operations from remote landing sites.

The SOFIA aircraft recently completed an avionics upgrade using Honeywell avionics components. Repair and replacement of defective components will be required throughout the service life of the aircraft. The Honeywell Avionics Protection Plan will provide a 24/7 one day component replacement service to support the SOFIA mission on a worldwide basis.

2.0 Scope: This statement requires the contractor to provide 24/7 one day replacement service for SOFIA Honeywell avionics components through an annual HAPP subscription between NASA and Honeywell.

2.1 A comprehensive list of SOFIA Honeywell components will be provided.

2.2 The HAPP will be based on an annual 1100 SOFIA flight hours.

3.0 Seller Responsibilities: The Honeywell Avionics Protection Plan will provide a 24/7 one day component replacement service to support the SOFIA mission on a worldwide basis.

3.1 The seller will provide a point of contact for plan coordination and component replacement.

4.0 Buyer Responsibility: Provide a list of Honeywell avionics components to be supported with an estimate annual flight estimate.

4.1 Buyer will provide a point of contact for plan coordination and component replacement.

4.2 Buyer will insure that defective components are shipped in accordance with HAPP procedures.

5.0 Schedule: The HAPP will be established no later than August 1, 2013.

6.0 Projection Completion: When a one year HAPP subscription to be renewed annually is in place.

Attachment A

7.0 Pricing and Payment: Pricing for the service will be based on Honeywell components installed on the SOFIA aircraft and estimated annual flight hours.

7.1 Honeywell prior to implementation of the plan.

7.2 NASA will make payment upon implementation of the plan.

8.0 Additional Terms: N/A

9.0 Miscellaneous: N/A

10.0 Appendices: N/A